

NOV 14 2002

TECH CENTER 1600/2900

**"Identification, Production and Use of Staphylokinase Derivatives
with Reduced Immunogenicity and/or Reduced Clearance"**
Inventor Désiré José COLLEN
Serial No. 09/601,490

1	Ser	Ser	Ser	Phe	Asp	Lys	Gly	Lys	Tyr	Lys	Lys	Asp	14	
15													28	
	Ala	Ser	Tyr	Phe	Glu	Pro	Thr	Gly	Pro	Tyr	Leu	Met	Val	Asn
29														42
	Val	Thr	Gly	Val	Asp	Ser	Lys	Gly	Asn	Glu	Leu	Leu	Ser	Pro
43														56
	His	Tyr	Val	Glu	Phe	Pro	Ile	Lys	Pro	Gly	Thr	Thr	Leu	Thr
57														70
	Lys	Glu	Lys	Ile	Glu	Tyr	Tyr	Val	Glu	Trp	Ala	Leu	Asp	Ala

FIG. 1A

APPROVED	O.G. FIG.	
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71	Thr	Ala	Tyr	Lys	Glu	Phe	Arg	Val	Val	Glu	Leu	Asp	Pro	Ser	84
85	Ala	Lys	Ile	Glu	Val	Thr	Tyr	Tyr	Asp	Lys	Asn	Lys	Lys	Lys	98
99	Glu	Glu	Thr	Lys	Ser	Phe	Pro	Ile	Thr	Glu	Lys	Gly	Phe	Val	112
113	Val	Pro	Asp	Leu	Ser	Glu	His	Ile	Lys	Asn	Pro	Gly	Phe	Asn	126
127	Leu	Ile	Thr	Lys	Val	Val	Ile	-Glu	Lys	Lys					136

(SEQ ID NO: 1)

FIG. 1B

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O.G. FIG.		
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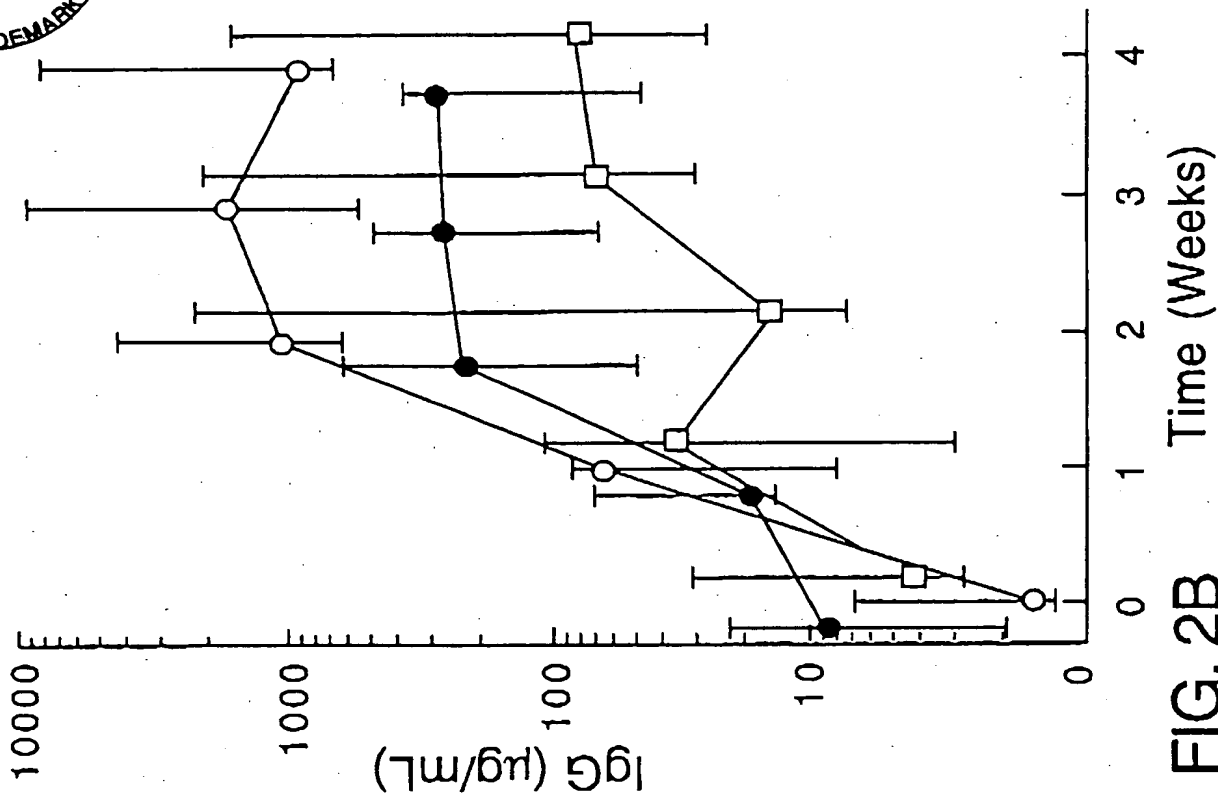


FIG. 2B

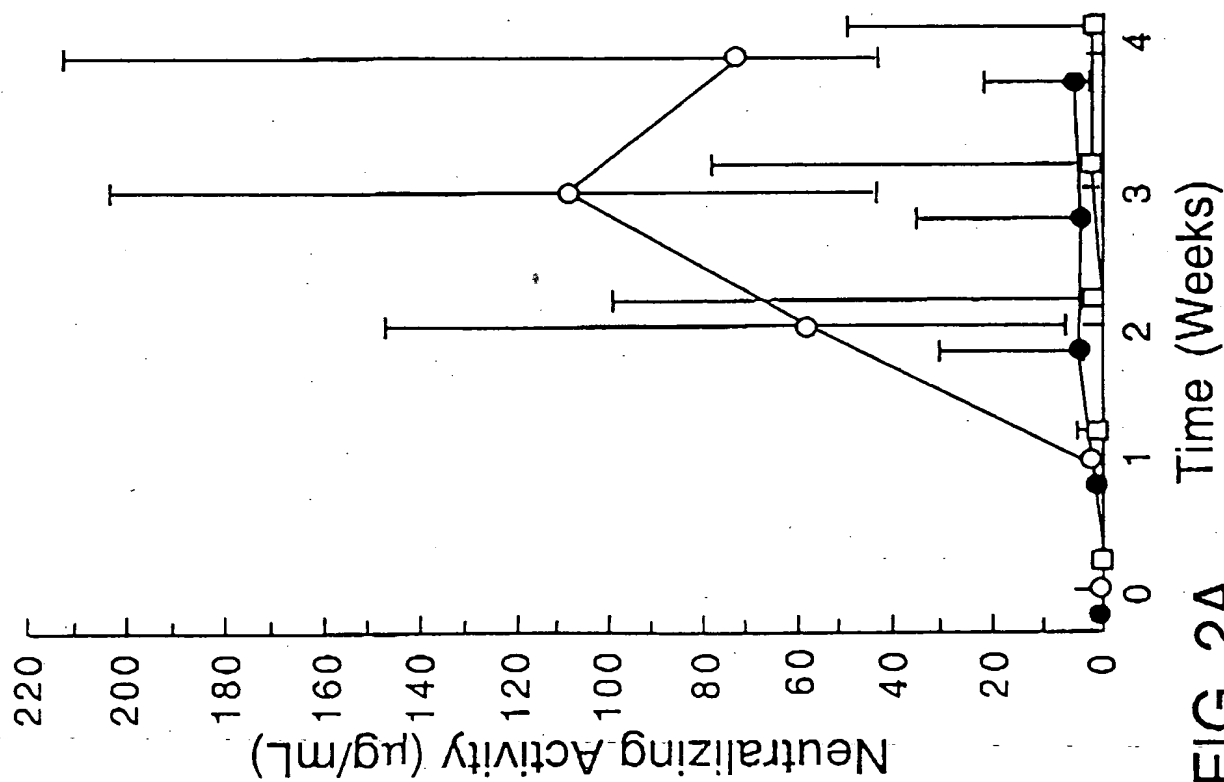
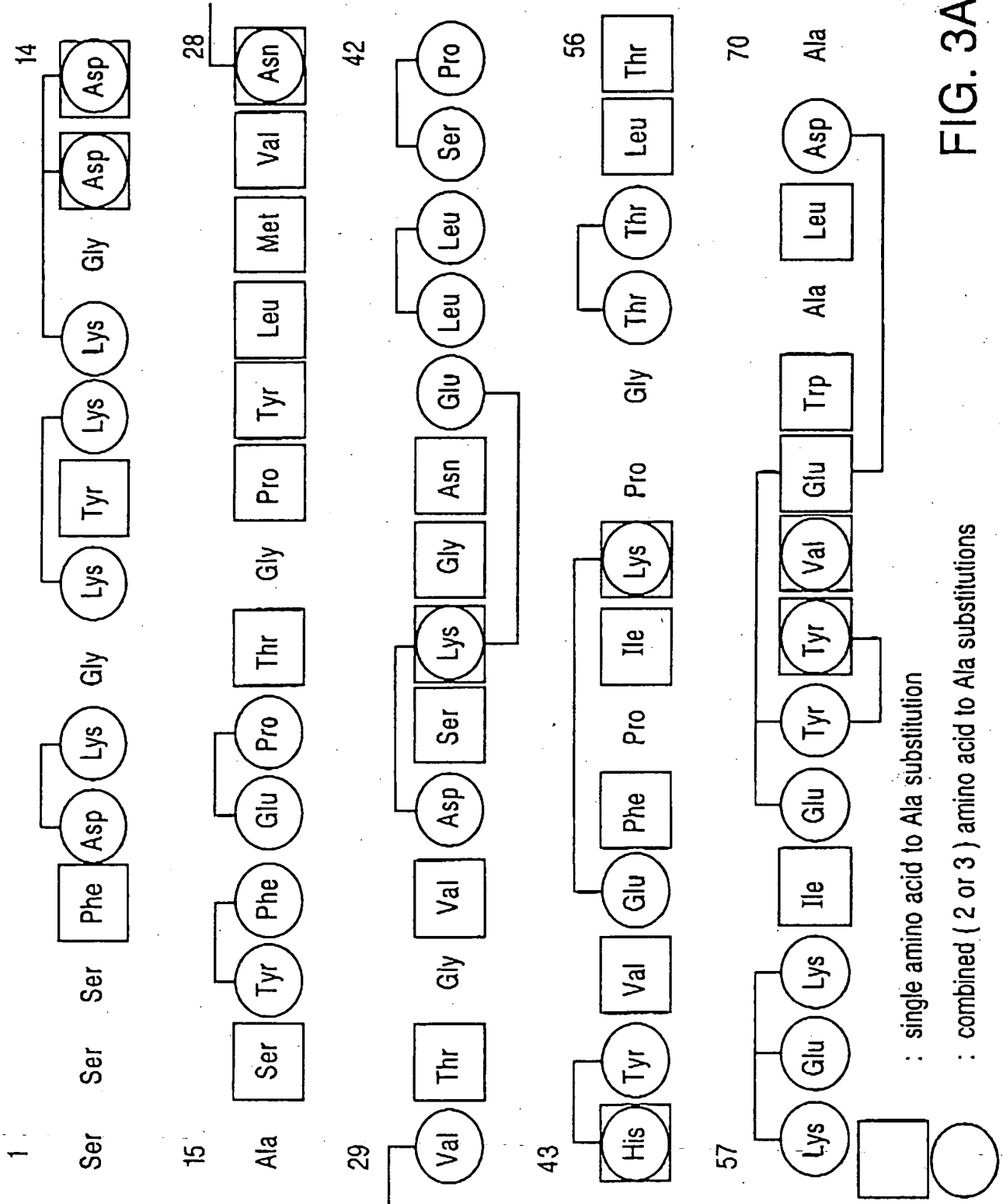


FIG. 2A

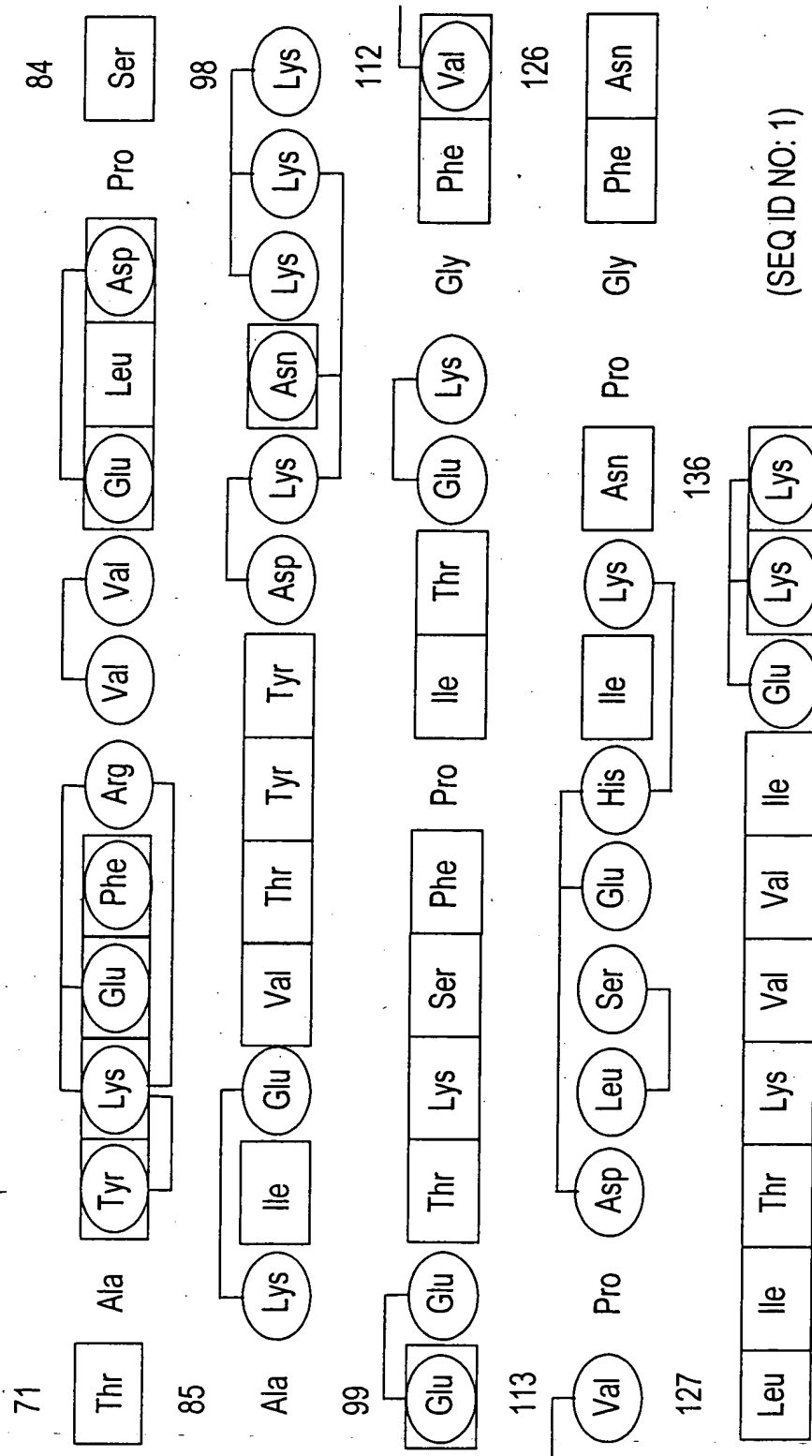


O.G. FIG.		
APPROVED	CLASS	SUBCLASS
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APPROVED	O.G. FIG.
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□ : Single Amino Acid to Ala Substitution

○ : Combined (2 or 3) Amino Acid to Ala Substitutions

FIG. 3B

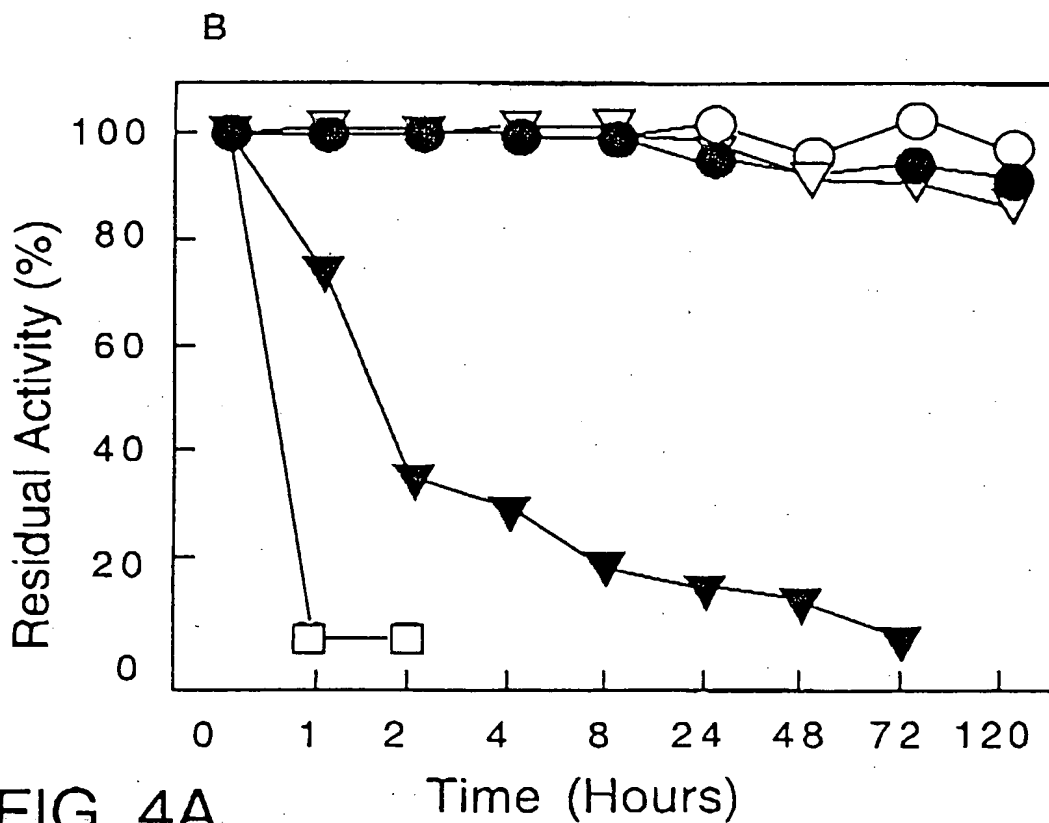
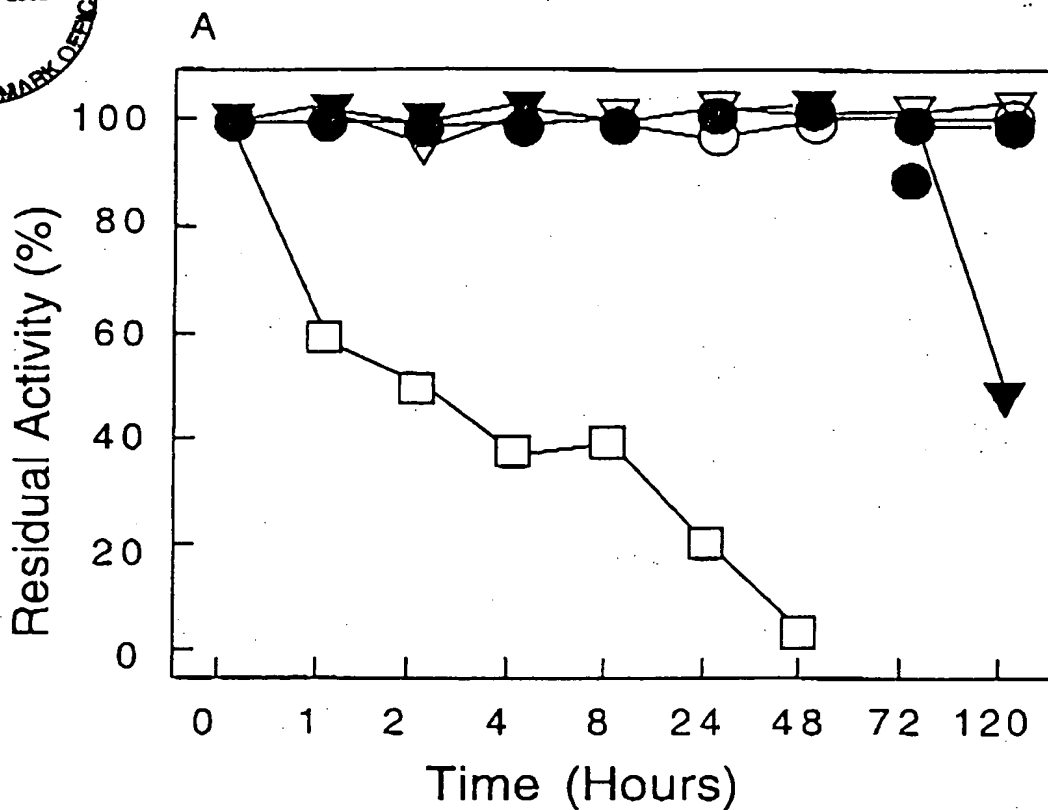
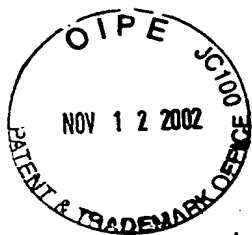


FIG. 4A

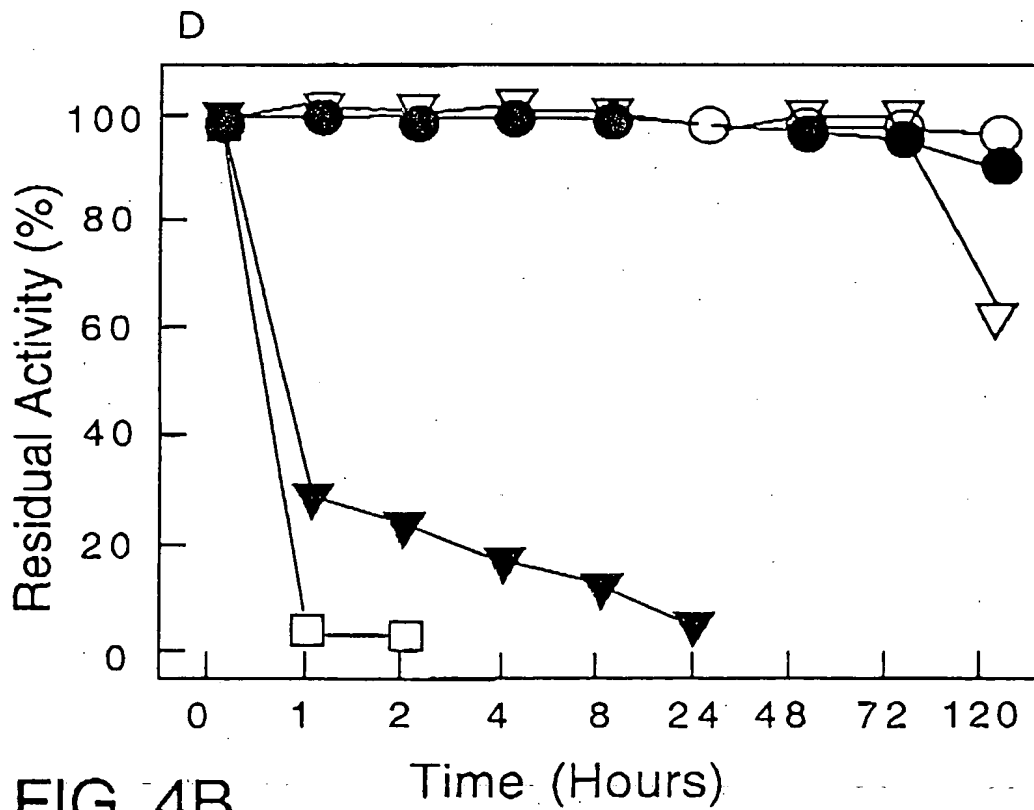
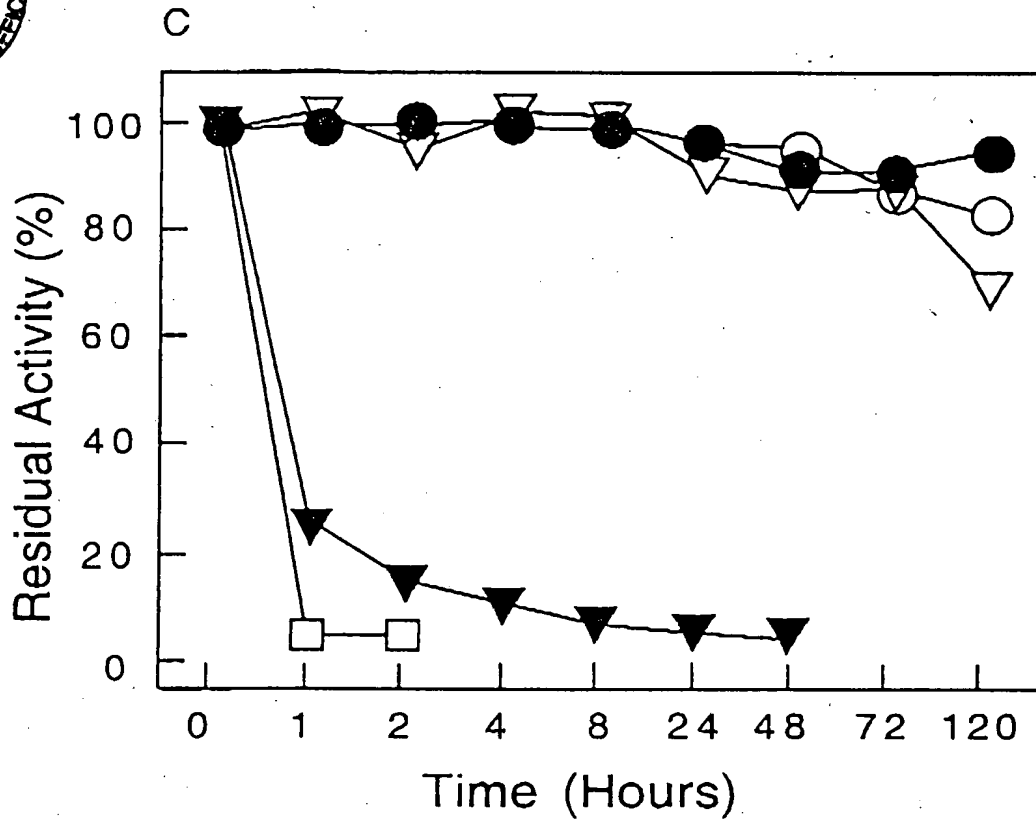
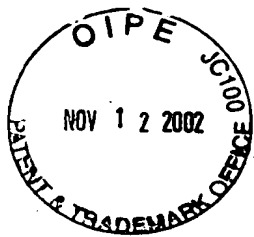


FIG. 4B

APPROVED		O.G. FIG.	
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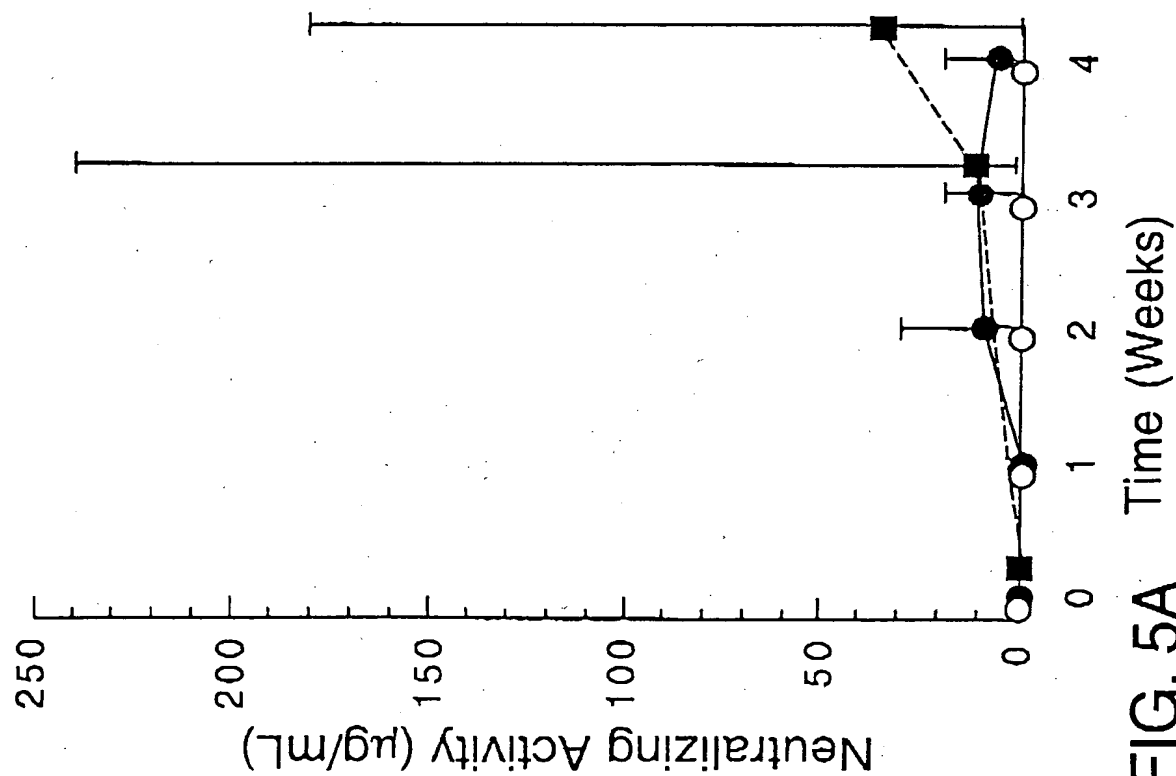


FIG. 5A

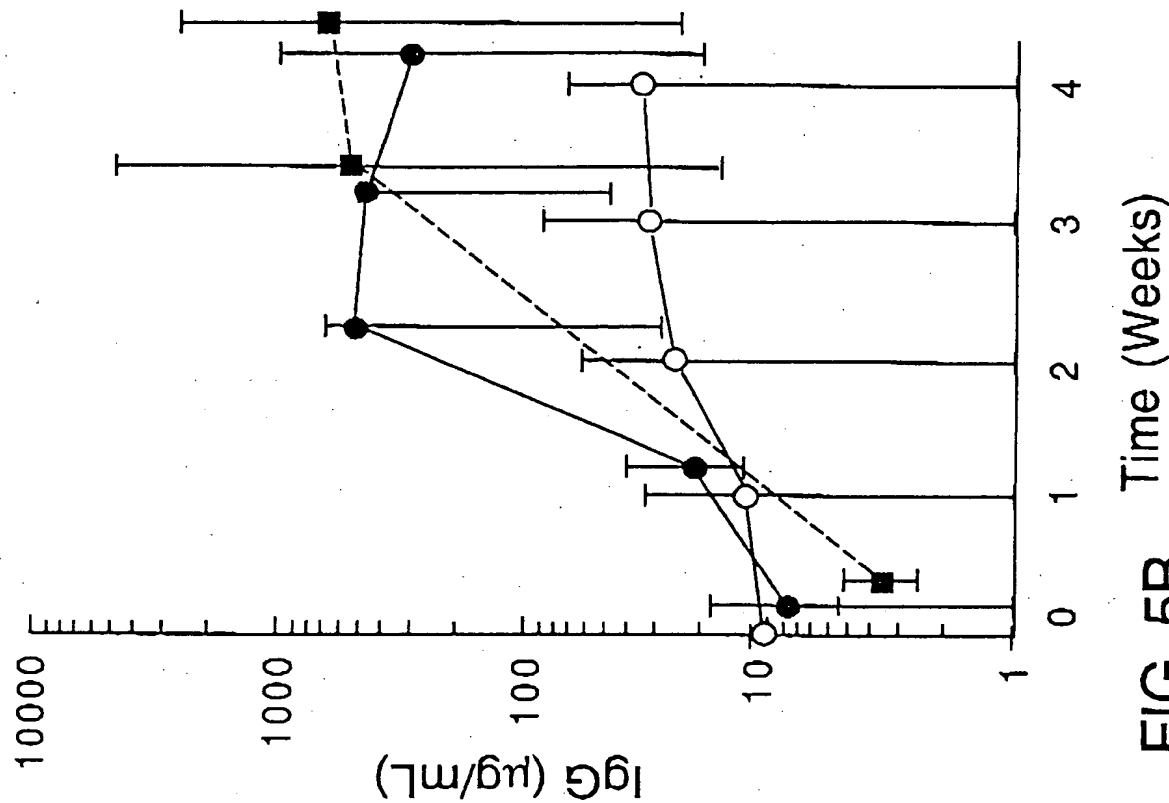


FIG. 5B

